



PATENT
Attorney Docket: 708034-605-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:)
Majid Syed)
Serial No.: 10/032,951) Group Art Unit: 2185
Filed: October 26, 2001) Examiner: Not Assigned
For: SYSTEM AND METHOD FOR)
PROVIDING A PUSH OF)
BACKGROUND DATA)

SUBSTITUTE & AMENDED DRAWINGS
AND PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

REMARKS


SUBSTITUTE & AMENDED DRAWINGS

In response to the Notice to File Corrected Application Papers ("Notice"), dated February 21, 2002, please find enclosed i) a copy of the Notice and the ii) Substitute Drawings (11 sheets). During preparation of the substitute—formal—drawings, Applicant recognized that certain items on one drawing—Fig. 4—did not correspond exactly with the description in the specification. Thus, Applicant has amended that drawing to accurately reflect the description. Applicant has also amended Figs. 5a to correct a spelling error and a misidentification error. No new matter has been added, and red-line versions of the two amended drawings are included herewith.

PRELIMINARY AMENDMENT

Also during preparation of the substitute drawings, Applicant recognized certain typographical errors in the specification pertaining to Fig. 4. Therefore, in order to correct those typographical errors and make the specification consistent with the corresponding drawing, please amend the specification by deleting page 19, line 11 through page 20, line 2 and replacing that text with the description attached hereto as Appendix A. Also included is Appendix B, which is a marked-up version of this portion of the specification illustrating the changes thereto. Again, no new matter has been added.

Respectfully submitted,

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APPENDIX A

Figure 4 illustrates how incoming data is handled at the client (receiver's end - an IBOC-enabled mobile device 400). An antenna 401 located on the receiver first receives incoming data, and detection equipment 402 detects such data and optionally amplifies the signal. The received data is then deinterleaved via deinterleaver 405, demodulated via demodulator 406, decoded via a transport decoder 407 (such as a iDAB transport layer decoder), and further decoded via a data link layer decoder 408. If data is audio, it is forwarded to PAC decoder 419, and if it is meant for turbo broadcast layer, it is forwarded to 408. Audio signals are converted into audible sounds and are forwarded to the speaker 403. The detection equipment 402 uses a channel quality measurer 404 to calculate the quality associated with a tuned channel. It should be noted that the host processing unit 409 actively controls the above-described deinterleaver, demodulator, decoder, and turbo broadcast layer decoder. Lastly, the processing unit and memory 410 process the decoded data before being presented to the end user device, via a display device 412 (with OEM I/O input 411).

APPENDIX B

Figure 4 illustrates how incoming data is handled at the client (receiver's end - an IBOC-enabled mobile device 400). An antenna 401 located on the receiver first receives incoming data, and detection equipment 402 detects such data and optionally amplifies the signal. The received data is then deinterleaved via deinterleaver 405, demodulated via demodulator 406, decoded via a transport decoder 407 (such as a iDAB transport layer decoder), and further decoded via a data link layer decoder [404] 408. If data is audio, it is forwarded to PAC decoder 419, and if it is meant for turbo broadcast layer, it is forwarded to [404] 408. Audio signals are converted into audible sounds and are forwarded to the speaker 403. The detection equipment 402 uses a channel quality measurer 404 to calculate the quality associated with a tuned channel. It should be noted that the host processing unit 409 actively controls the above-described deinterleaver, demodulator, decoder, and turbo broadcast layer decoder. Lastly, the processing unit and memory 410 process the decoded data before being presented to the end user device, via a display device 412 (with OEM I/O input 411).

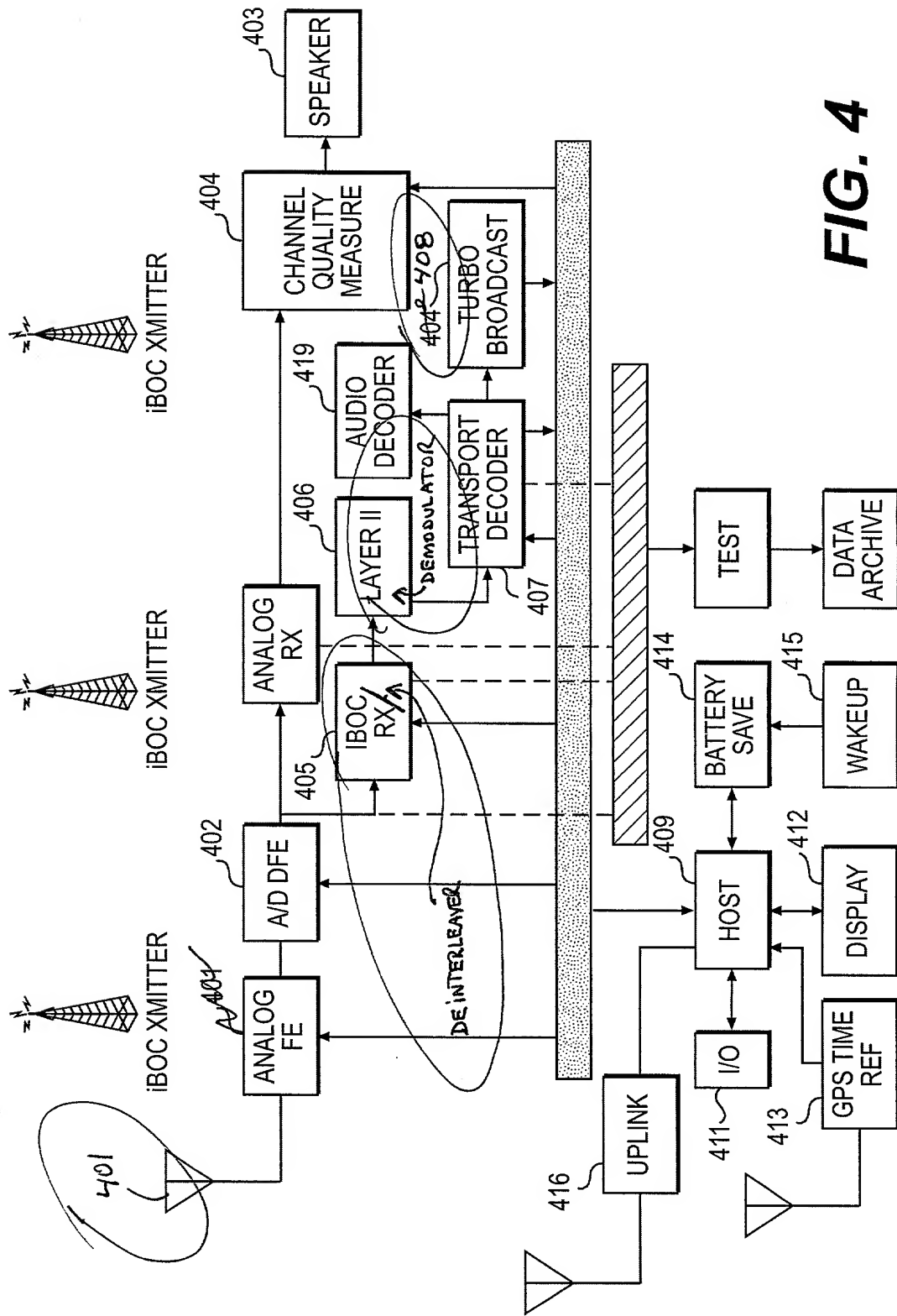


FIG. 4

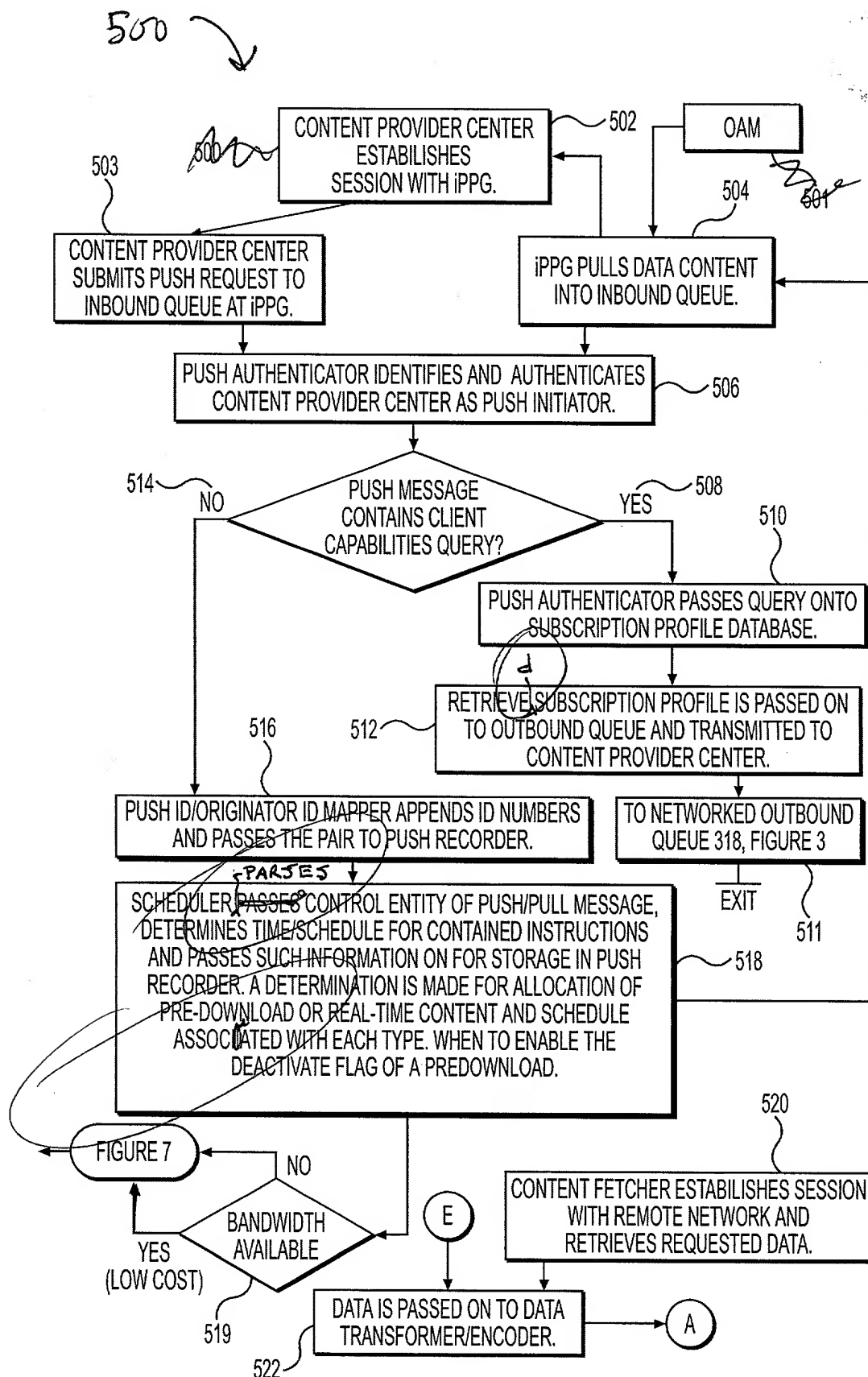


FIG. 5a